

2nd Wildfire-Induced Air Pollution Mitigation & Assessment Symposium

UC MULTICAMPUS-NATIONAL
LAB COLLABORATIVE RESEARCH

MARCH 23, 2022

9:00 AM – 4:15 PM

VIRTUAL SYMPOSIUM

Free and Open to the Public!

Michele Barbato, UC Davis

Professor of Structural Engineering and Structural Mechanics
Department of Civil and Environmental Engineering
Co-Director, Climate Adaptation Research Center
Director, CITRIS Climate Initiative, CITRIS and the Banatao Institute



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UC Davis Air Quality Research Center

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Symposium Agenda

Wildfires are becoming an existential threat to the well-being of the U.S. population, with wildfire-induced air pollution as one of the most severe contributors to economic and life losses. This symposium will report on recent research advancements in the assessment and mitigation of wildfire effects on human health, with presentations by accomplished researchers from a multidisciplinary team supported by the University of California Office of the President, through the UCOP Lab Fees program. This applied research has the ultimate goal to support the State of California and the US Federal government in their science-informed decision-making processes to reduce the negative impacts produced by wildfire-induced air pollution.

9:00 – 9:25 AM	<u>Introduction and Opening Remarks</u> Michele Barbato, UC Davis, Lead Principal Investigator Richard Corsi, UC Davis, College of Engineering, Dean Camille Crittenden, CITRIS and the Banatao Institute, Executive Director
9:25 – 10:45 AM	<u>Wildfire Modeling and Forecast under Changing Climate Conditions</u> LeRoy Westerling, UC Merced Matthew Moody, UC Davis
10:45 – 11:00 AM	Short Break
11:00 – 12:20 PM	<u>Wildfire Health Effects Assessment</u> Kathryn Conlon and Caitlin Jones, UC Davis Allison C. Aiken and Katie Benedict, Los Alamos National Lab
12:20 – 1:20 PM	Lunch Break
1:20 – 2:40 PM	<u>Wildfire Emission Prediction and Air Quality Assessment</u> William Lassman, Lawrence Livermore National Lab Quinn Hart, UC Davis
2:40 – 3:00 PM	Short Break
3:00 – 3:40 PM	<u>Development and Assessment of Wildfire Mitigation Strategies Presentation</u> Michele Barbato, UC Davis and CITRIS and the Banatao Institute
3:40 – 4:00 PM	<u>Closing Remarks & Overview of Future Activities</u> Michele Barbato, UC Davis, Lead Principal Investigator
4:00 – 4:15 PM	Lead Principal Investigator, Dr. Michele Barbato, Available for Questions

Complimentary Registration: Please confirm your attendance by filling out [this registration form](#).

Presentation Titles: Available on the [UC Davis Climate Adaptation Research Center event page](#).

Questions: Contact Symposium Organizer, Michele Barbato, mbarbato@ucdavis.edu.

Symposium support comes from:

- UC Office of the President under award LFR-20-651032
- UC Davis Air Quality Research Center
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